

*ACCESSORY PUBLICATION***Towards the Preparation of novel Re/^{99m}Tc Tricarbonyl-Containing
Peptide Nucleic Acid Bioconjugates**

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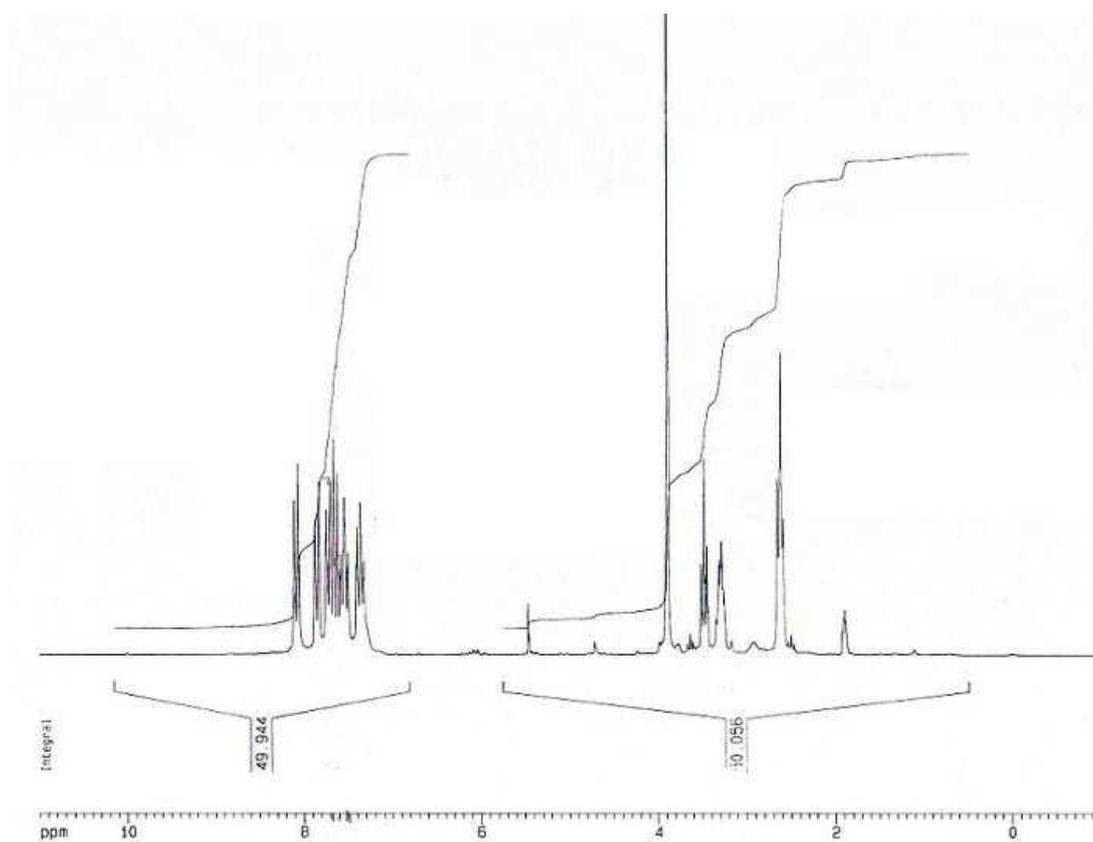


Figure S1. $^1\text{H-NMR}$ spectrum of Fmoc-4-O'Bu.

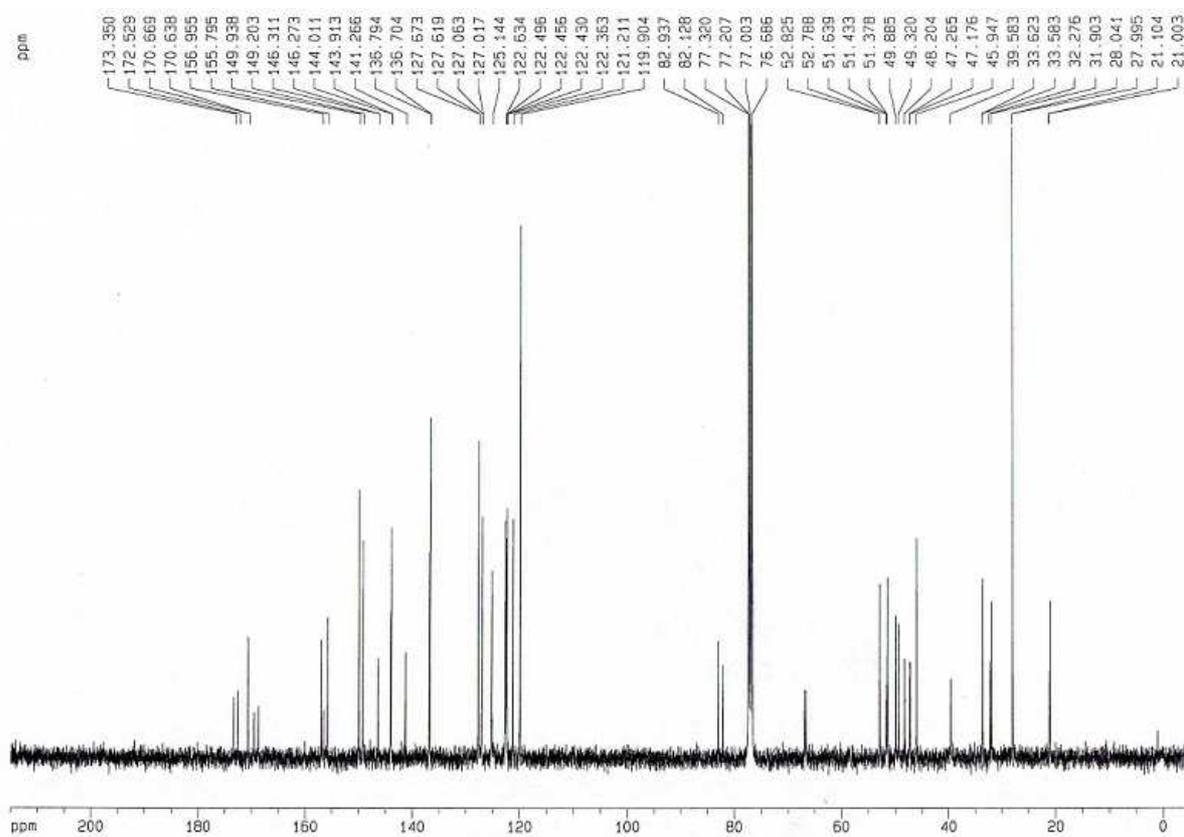


Figure S2. $^{13}\text{C-NMR}$ spectrum of Fmoc-4-O'Bu.

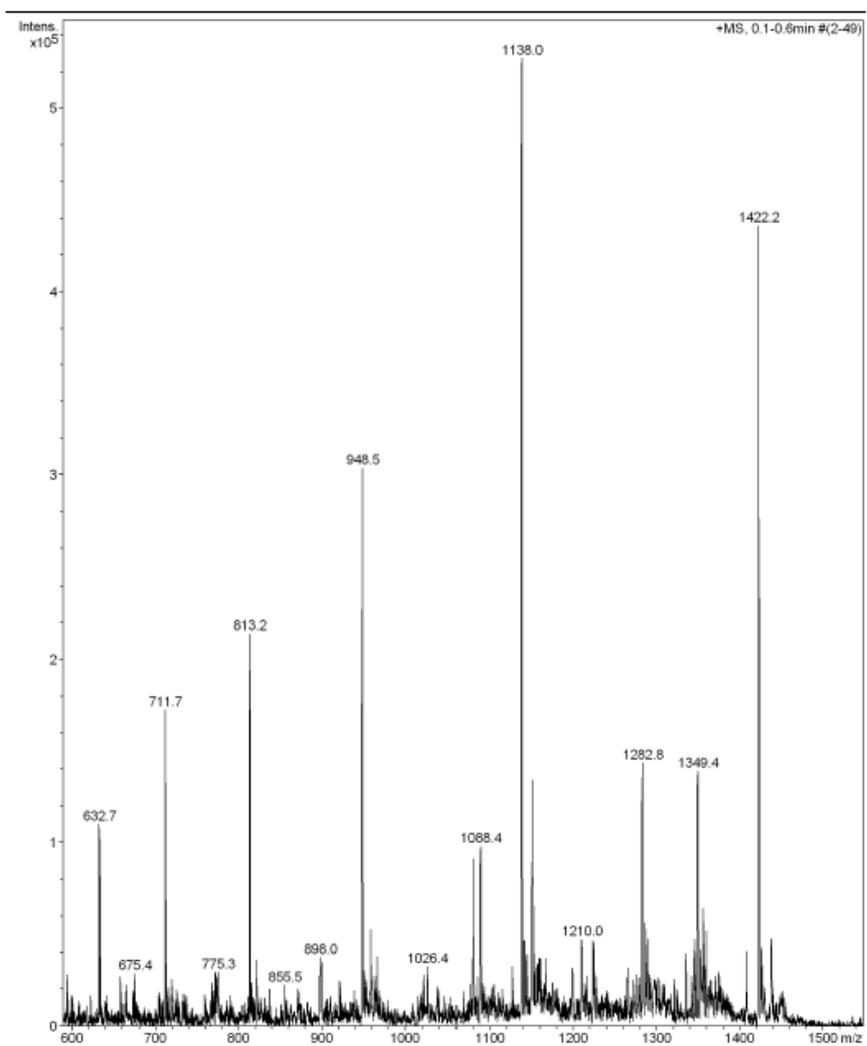


Figure S3. ESI-MS spectrum of Dpam-PNA.

Comment 1 Sample GG113-F19 Matrix HCCA
Comment 2 Anna

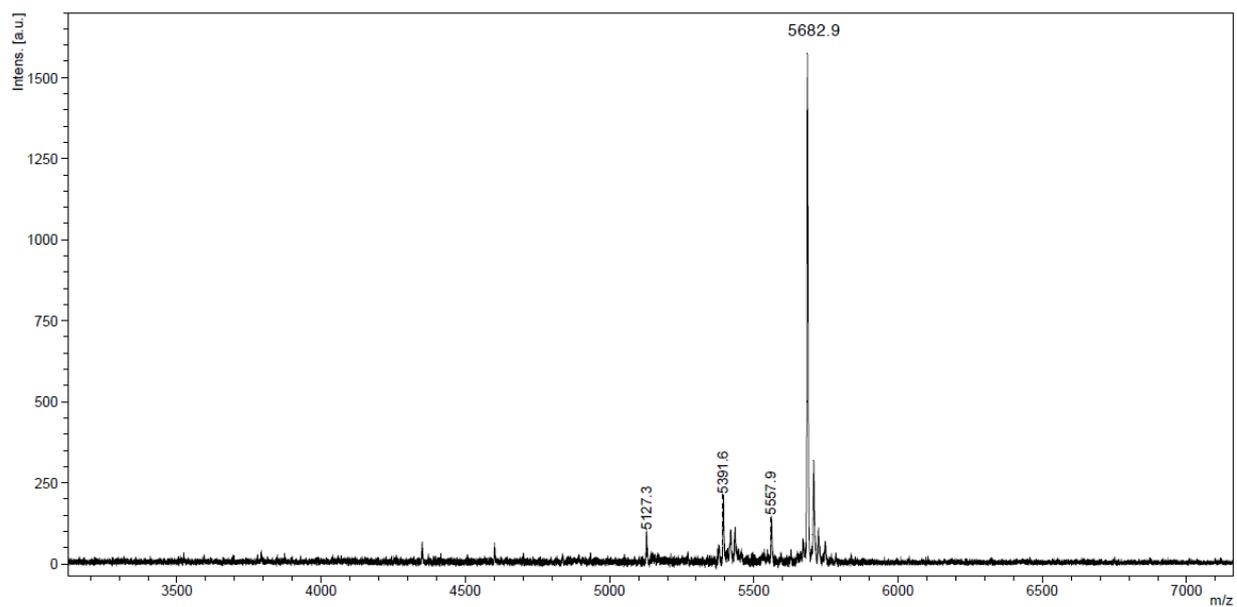


Figure S4. MALDI-TOF spectrum of Dpam-PNA.

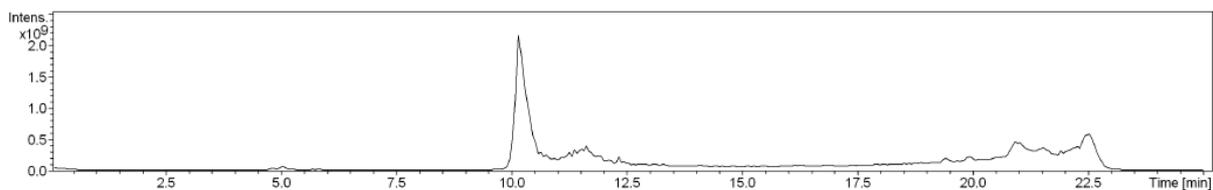


Figure S5. HPL Chromatogram of Dpam-PNA.

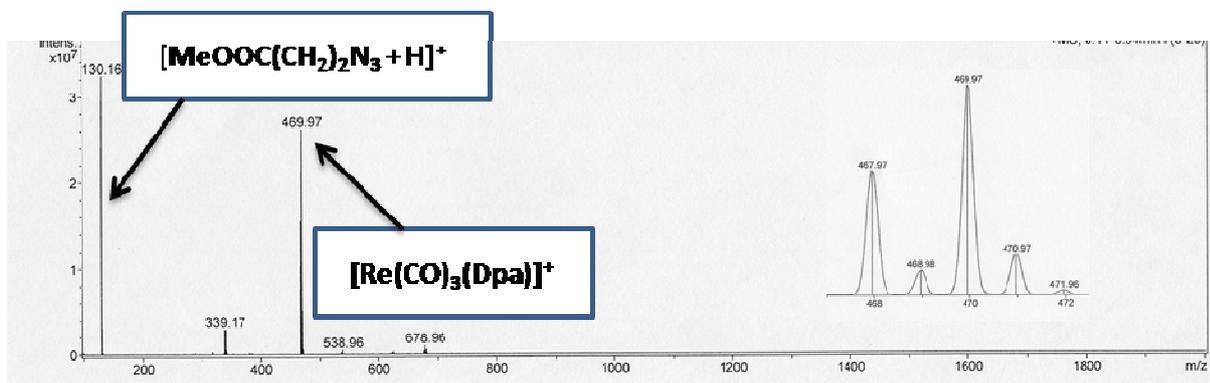


Figure S6: ESI-MS of the methanolysis of $[\text{Re}(\text{CO})_3(\mathbf{3})]\text{Br}$ with the isotopic pattern of $[\text{Re}(\text{CO})_3(\text{Dpa})]^+$ in insert.

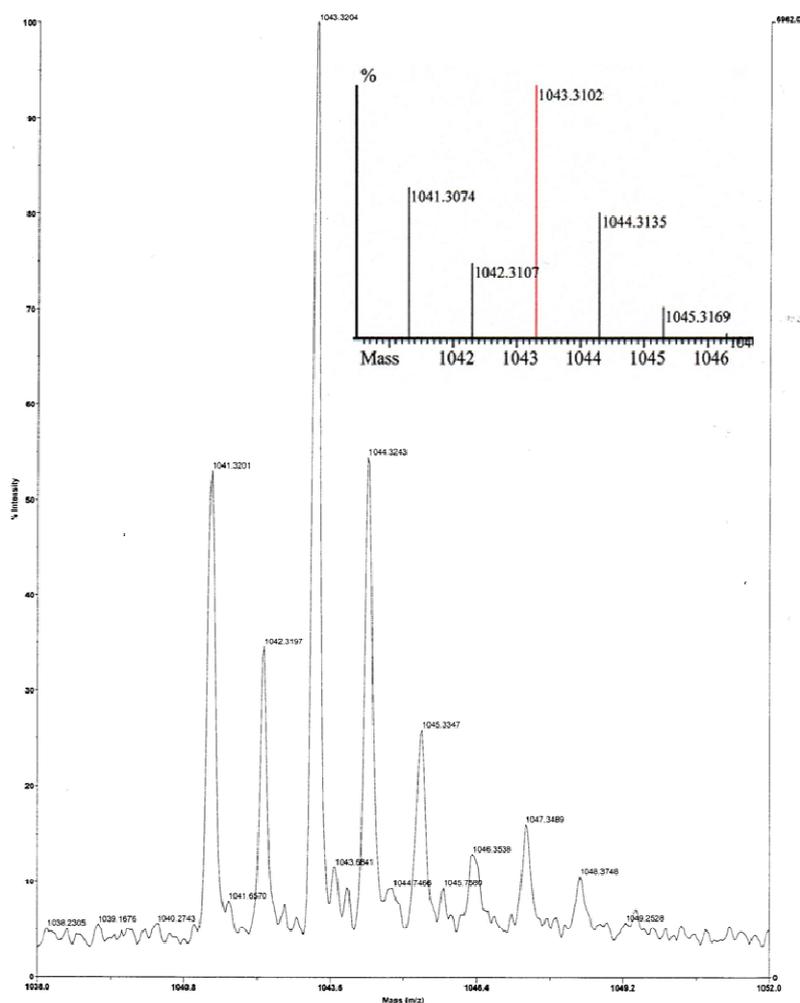


Figure S7. MALDI-TOF spectrum of $[\text{Re}(\text{CO})_3(\text{Fmoc-4-O'Bu})]\text{Br}$ with the theoretical calculated isotopic pattern for $\text{C}_{46}\text{H}_{48}\text{N}_8\text{O}_9\text{Re} [\text{M}^+]$ in insert.

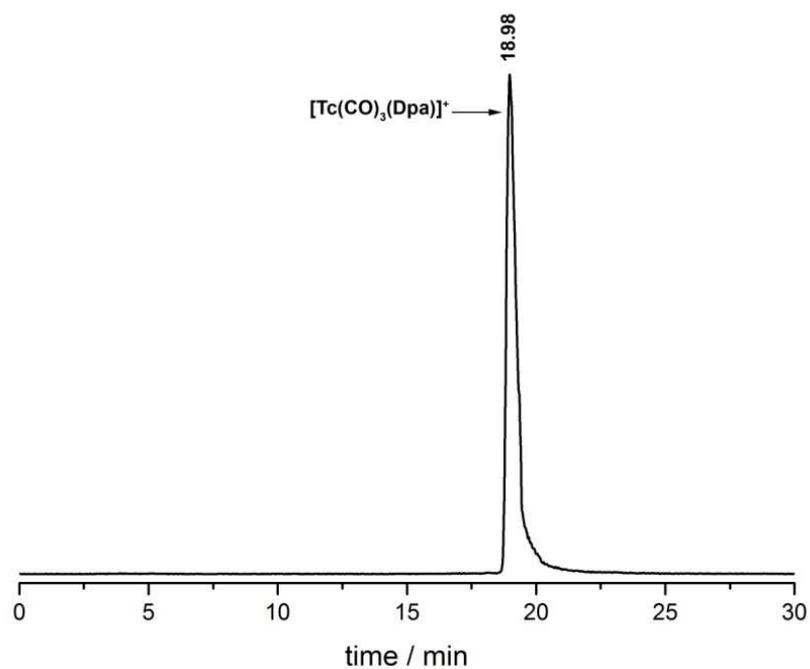


Figure S8. HPLC trace (γ detection) of the reaction of $[\text{Tc}(\text{CO})_3(\text{H}_2\text{O})_3]^+$ with **Dpa·3HCl** after 20 min at 95°C.

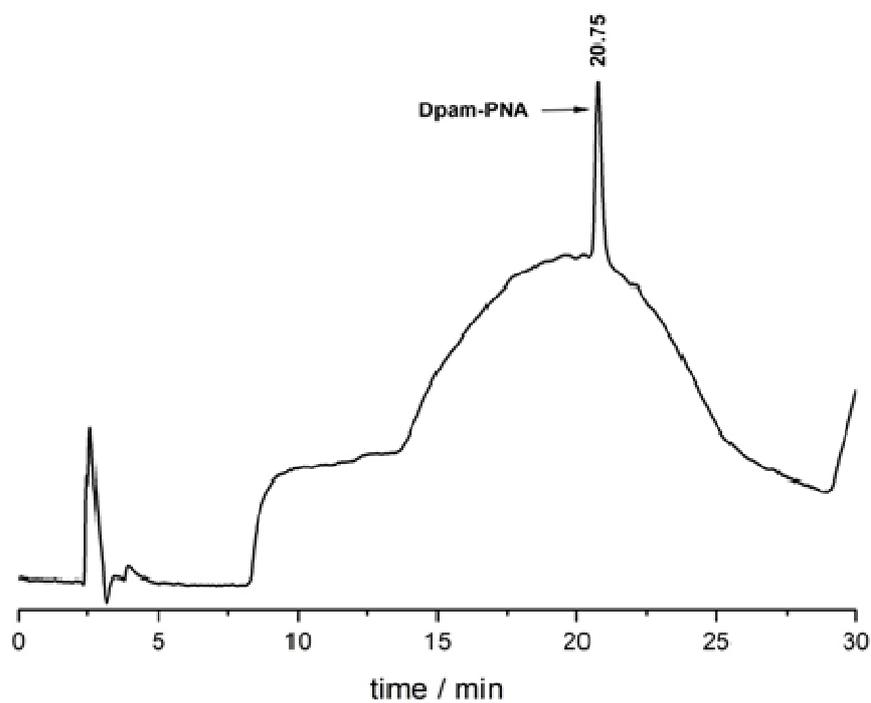


Figure S9. HPLC trace (UV detection) of the reaction of $[\text{Tc}(\text{CO})_3(\text{H}_2\text{O})_3]^+$ with **Dpam-PNA** after 60 min at 70°C.